

XP-002140477

AN - 1994-062080 [08]

A - [001] 017 02& 034 038 062 074 081 085 143 150 157 199 220 221 222 226  
231 239 27& 273 336 341 353 400 437 473 476 477 512 516 518 52- 541  
55& 57& 58- 597 600 649 656 659 681 720 721 723

AP - JP19920197432 19920702

CPY - NIPK

DC - A14 A82 A89 G02 L03 P81 P82 U11 X12

FS - CPI;GMPI;EPI

IC - C08F20/30 ; C08F220/30 ; G02B1/04 ; G03B21/62

KS - 0004 0036 0207 0226 0604 1282 1288 1294 1296 1373 1597 1601 1999 2016  
2020 2021 2295 2297 2545 2560 2589 2597 2718 2792 2812 2837 2851 3083  
3183 3204 3205 3206 3253 3310

MC - A07-A04A A07-A04E A08-D01 A08-D04 A10-E01 A10-E07B A11-C02 A12-L03  
G02-A02G G02-A02H G02-A04A G02-A05 L03-D01D L03-G02 L04-C20A  
- U11-A07 X12-E02B

PA - (NIPK) NIPPON KAYAKU KK

PN - JP6016721 A 19940125 DW199408 C08F20/30 006pp

PR - JP19920197432 19920702

XA - C1994-027816

XIC - C08F-020/30 ; C08F-220/30 ; G02B-001/04 ; G03B-021/62

XP - N1994-049051

AB - J06016721 Resin compns. contain (A) urethane (meth)acrylates and/or epoxy (meth)acrylates, (B) ethylenic unsatd. gp.-contg. cpds. other than (A), (C) semicarbazide cpds. and (D) photopolymerisation initiators.

- (A) are pref. polyester-urethane acrylate, polycaprolactone urethane acrylate, polytetramethylene urethane acrylate, bisphenol A or F epoxy acrylate. (B) are pref. acryloylmorpholine, phenoxyethyl acrylate, isobornyl acrylate. The resin compns. contain 16-90 (24-66) wt.% of (A), 9-83 (30-75) wt.% of (B), 0.1-10 (0.3-5) wt.% of (C) and 0.3-10 (0.5-0.7) wt.% of (D).

- USE/ADVANTAGE - Suitable for the mfr. of transmission type screens (claimed) e.g. Fresnel lens, lenticular lens and for the prepn. of coating agents, potting agents, printing inks, paints. They have small colouring with lapse of time. Their cured prods. (claimed) have small colouring in the lapse of time, good mould releasability, mould-reproducibility and recovery property. (Dwg.O/O)

IW - ULTRAVIOLET CURE RESIN COMPOSITION TRANSMISSION TYPE SCREEN CONTAINING URETHANE METHO ACRYLATE EPOXY METHO ACRYLATE ETHYLENIC UNSATURATED COMPOUND SEMI CARBAZIDE COMPOUND PHOTOPOLYMERISE INITIATOR

IKW - ULTRAVIOLET CURE RESIN COMPOSITION TRANSMISSION TYPE SCREEN CONTAINING URETHANE METHO ACRYLATE EPOXY METHO ACRYLATE ETHYLENIC UNSATURATED COMPOUND SEMI CARBAZIDE COMPOUND PHOTOPOLYMERISE INITIATOR

NC - 001

OPD - 1992-07-02

ORD - 1994-01-25

PAW - (NIPK) NIPPON KAYAKU KK

TI - UV curing resin compns. for transmission type screens - contain urethane (meth)acrylate(s) and/or epoxy (meth)acrylate(s) other ethylenically unsatd. cpds. semi-carbazide cpds., and photopolymerisation initiators

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A01 - [001] D11 D10 D50 D85 F77 ; P1592-R F77 ; M9999 M2017 ; M9999 M2186 ; M9999 M2813 ; M9999 M2073 ; S9999 S1434 ;  
 - [002] H0022 H0011 ; R12487 G1207 G1150 G1149 G1092 D01 D11 D10 D19 D18 D32 D50 D93 F32 F30 ; G1570-R G1558 D01 D11 D10 D23 D22 D31 D42 D50 D69 D83 F47 7A ; P0464-R ; M9999 M2017 ; M9999 M2186 ; M9999 M2813 ; M9999 M2073 ; S9999 S1434 ;  
 - [003] H0022 H0011 ; R00470 G1161 G1150 G1149 G1092 D01 D11 D10 D19 D18 D32 D50 D93 F32 F30 ; G1570-R G1558 D01 D11 D10 D23 D22 D31 D42 D50 D69 D83 F47 7A ; P0464-R ; M9999 M2017 ; M9999 M2186 ; M9999 M2813 ; M9999 M2073 ; S9999 S1434 ; P0475 ;  
 - [004] P0931-R P1592 P0839 H0260 F41 F77 ; M9999 M2017 ; M9999 M2186 ; M9999 M2813 ; M9999 M2073 ; S9999 S1434 ;  
 - [005] ND04 ; B9999 B4988-R B4977 B4740 ; K9847-R K9790 ; Q9999 Q8264-R ; Q9999 Q8286-R Q8264 ; Q9999 Q7523 ; Q9999 Q8797 Q8775 ; Q9999 Q7114-R ; Q9999 Q7158-R Q7114 ; B9999 B4262 B4240 ; B9999 B4568-R ; B9999 B3623 B3554 ; B9999 B5323 B5298 B5276 ;  
 - [006] R24022 G0340 G0339 G0260 G0022 D01 D11 D10 D12 D19 D18 D31 D51 D53 D58 D63 D91 F34 F41 ; A999 A179 A157 ;  
 - [007] D01 D11 D10 D16 D13 D32 D53 D51 D58 D63 D93 F41 ; A999 A179 A157 ;  
 - [008] D01 D12 D10 D23 D22 D31 D41 D42 D53 D51 D58 D67 F08 F07 F34 F23 ; A999 A179 A157 ;  
 - [009] D01 D50 D81 F78 F11 ;

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